Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092920\
Data File : BG046723.D
Acq On : 29 Sep 2020 17:42
Operator : CG/JU
Sample : SSTD01028
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD01028

Quant Time: Sep 29 19:05:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 19:01:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 62759 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.93 | 136 | 243924 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 178753 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.48 | 188 | 417812 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.76 | 240 | 456860 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.05 | 264 | 466498 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 4873 | 3.83 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.26 | 99 | 55701 | 11.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.44 | 67 | 34711 | 11.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.65 | 132 | 38901 | 9.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.81 | 113 | 43565 | 10.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.28 | 128 | 18455 | 10.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.00 | 143 | 17044 | 9.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.54 | 165 | 44928 | 11.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.06 | 131 | 57080 | 12.72 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.14 | 166 | 142571 | 10.23 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.43 | 160 | 171437 | 10.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.90 | 143 | 21756 | 9.56 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.73 | 176 | 132301 | 10.43 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 17249 | 8.25 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.58 | 188 | 208292 | 10.81 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.86 | 212 | 258552 | 10.70 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.81 | 264 | 261968 | 10.13 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 6401 | 4.114 | ng/uL# | 89 |
| 4) Benzaldehyde | 7.25 | 77 | 42264 | 12.037 | ng/ul | 98 |
| 6) Phenol | 7.28 | 94 | 58841 | 11.599 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 46636 | 11.233 | ng/ul | 92 |
| 10) 2-Chlorophenol | 7.68 | 128 | 40014 | 10.013 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.55 | 108 | 41114 | 10.058 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 72825 | 10.378 | ng/ul | 94 |
| 14) Acetophenone | 8.93 | 105 | 72672 | 11.854 | ng/ul | 89 |
| 15) N-Nitroso-di-n-propylamine | 8.92 | 70 | 36951 | 11.140 | ng/ul | 88 |
| 16) 4-Methylphenol | 8.87 | 108 | 46120 | 10.531 | ng/ul | 84 |
| 17) Hexachloroethane | 9.21 | 117 | 19632 | 11.577 | ng/ul | 89 |
| 20) Nitrobenzene | 9.32 | 77 | 52672 | 11.904 | ng/ul | 94 |
| 21) Isophorone | 9.85 | 82 | 108876 | 12.591 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.03 | 139 | 18579 | 9.429 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 10.08 | 107 | 52049 | 11.920 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.33 | 93 | 63373 | 11.586 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.57 | 162 | 42818 | 10.905 | ng/ul | 92 |
| 28) Naphthalene | 10.98 | 128 | 144283 | 11.053 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.08 | 127 | 56939 | 13.195 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 11.27 | 225 | 39150 | 12.957 | ng/ul | 98 |
| 32) Caprolactam | 11.82 | 113 | 14647 | 11.066 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 12.18 | 107 | 46268 | 11.493 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.58 | 142 | 103388 | 10.534 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.79 | 142 | 101910 | 10.514 | ng/uL | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 67156 | 10.867 | ng/ul | 93 |
| 38) Hexachlorocyclopentadiene | 12.92 | 237 | 40460 | 11.435 | ng/ul# | 99 |
| 39) 2,4,6-Trichlorophenol | 13.17 | 196 | 37628 | 10.416 | ng/ul# | 86 |
| 40) 2,4,5-Trichlorophenol | 13.24 | 196 | 41170 | 10.484 | ng/ul | 97 |
| 41) 1,1'-Biphenyl | 13.58 | 154 | 146493 | 10.592 | ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.62 | 162 | 114994 | 10.421 | ng/ul | 97 |
| 43) 2-Nitroaniline | 13.81 | 65 | 27797 | 10.686 | ng/ul | 91 |
| 45) Dimethylphthalate | 14.19 | 163 | 145762 | 10.425 | ng/ul | 97 |
| 46) 2,6-Dinitrotoluene | 14.30 | 165 | 23313 | 8.744 | ng/ul | 87 |
| 48) Acenaphthylene | 14.46 | 152 | 170077 | 10.047 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.63 | 138 | 23619 | 9.404 | ng/ul | 93 |
| 50) Acenaphthene | 14.80 | 153 | 118446 | 9.718 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.83 | 184 | 11610 | 9.836 | ng/ul | 98 |
| 53) 4-Nitrophenol | 14.92 | 109 | 20027 | 12.258 | ng/ul | 92 |
| 54) Dibenzofuran | 15.14 | 168 | 180921 | 10.884 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 15.08 | 165 | 31424 | 8.276 | ng/ul | 93 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.36 | 232 | 36617 | 10.000 | ng/ul | 97 |
| 57) Diethylphthalate | 15.55 | 149 | 148693 | 10.767 | ng/ul | 95 |
| 59) Fluorene | 15.79 | 166 | 143899 | 10.209 | ng/ul | 94 |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204 | 81665 | 11.028 | ng/ul | 95 |
| 61) 4-Nitroaniline | 15.79 | 138 | 26003 | 9.287 | ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 18100 | 8.126 | ng/ul# | 91 |
| 65) N-Nitrosodiphenylamine | 15.99 | 169 | 131430 | 10.819 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 16.67 | 248 | 55856 | 10.758 | ng/ul | 92 |
| 67) Hexachlorobenzene | 16.78 | 284 | 39439 | 6.729 | ng/ul | 98 |
| 68) Atrazine | 16.93 | 200 | 52692 | 10.850 | ng/ul | 99 |
| 69) Pentachlorophenol | 17.13 | 266 | 29168 | 9.337 | ng/ul | 97 |
| 70) Phenanthrene | 17.52 | 178 | 247750 | 10.625 | ng/ul | 99 |
| 72) Anthracene | 17.61 | 178 | 257503 | 11.083 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.54 | 216 | 66727 | 10.635 | ng/uL | 98 |
| 74) Pentachlorobenzene | 15.05 | 250 | 70598 | 11.142 | ng/uL | 91 |
| 75) Carbazole | 17.88 | 167 | 207312 | 11.119 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.45 | 149 | 248085 | 10.814 | ng/ul | 97 |
| 77) Fluoranthene | 19.53 | 202 | 324218 | 12.676 | ng/ul | 99 |
| 80) Pyrene | 19.89 | 202 | 321705 | 10.414 | ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.77 | 149 | 105830 | 9.981 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.65 | 252 | 117713 | 12.004 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.74 | 228 | 326765 | 10.861 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 160420 | 10.400 | ng/ul | 99 |
| 85) Chrysene | 21.81 | 228 | 315948 | 10.802 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.90 | 149 | 261078 | 10.710 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.99 | 252 | 326780 | 10.369 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 24.06 | 252 | 317850 | 10.272 | ng/ul | 96 |
| 91) Benzo(a)pyrene | 24.89 | 252 | 295702 | 10.231 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 28.77 | 276 | 360868 | 9.998 | ng/ul | 95 |
| 93) Dibenzo(a,h)anthracene | 28.85 | 278 | 300696 | 10.184 | ng/ul# | 97 |
| 94) Benzo(g,h,i)perylene | 29.93 | 276 | 300069 | 9.836 | ng/ul | 98 |

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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